

## List of References

Barfield, W., M. Haselkom, J. Spyridakis, and L. Conquest, 1991, "Integrating Commuter Information Needs in the Needs of a Motorist Information System", ***Transportation Research: A***, Vol. 25A, Nos. 2/3, pp. 71-78.

Biesecker, K.J. and P.T.R Wang, October 1995, ***Modeling Cellular Digital Packet Data for Intelligent Transportation Systems Applications***, WN 95W0000186, The MITRE Corporation, McLean, VA.

DKS and Associates, 1992, I-5 ***Corridor Study***, Seattle, WA.

Evanco, W.M., February 1996, The ***Impact of Rapid Incident Detection on Freeway Accident Fatalities***, The MITRE Corporation, Washington, DC.

Federal Highway Administration, 1986, ***TRANSYT-7F: Traffic Network Study Tool, Version 7F***, US Department of Transportation, Washington, DC.

Glassco, R-A., May 1995, ***A Survey of Federal Highway Administration Sponsored Traffic Modeling Projects***, WN950000070, The MITRE Corporation, Washington, DC.

Glassco, R.A., November 1995, ***Potential Benefits of Advanced Traffic Management Systems***, The MITRE Corporation, Washington, DC.

Glassco, R.A., February 1996, ***Benefits of Advanced Traffic Management Systems for an Urban Network***, ITS-L-008, The MITRE Corporation, Washington, DC.

Harding, J.A., March 1995, ***Rural Scenario Guide, Mountainville***, The MITRE Corporation, Washington, DC.

**Harding**, J.A., March 1995, ***Inter-Urban Scenario Guide, Thruville***, The MITRE Corporation, Washington, DC.

Harding, J.A., March 1995, ***Urban Scenario Guide, Urbansville***, The MITRE Corporation, Washington, DC.

Harding, J-A., May 1995, ***Testing of MITRE's Generic ATMS Framework in INTEGRATION***, The MITRE Corporation, Washington, DC.

Hellinga, B. and M. Van Aerde, February 1995, ***INTEGRATION: A Model for Simulating ITS/IVHS in Integrated Traffic Networks, User's Guide for Model Version 1.5x3***, Queen's University, Ontario, Canada.

Horowitz, J.L., Koppelman, F.S., and Lerman, S.R., 1986, "A Self-Instructing Course in Disaggregate Mode Choice Modeling", Urban Mass Transit Administration, DOT, Office of Technical Assistance, Washington, DC.

Hounsell, N., M. McDonald, and L. Breheret, 1991, "Models and Strategies for Dynamic Route **Guidance**", **Advanced Telematics in Road Transpor**, Elsevier Science Publishers, Brussels, Belgium, pp. 89-98.

Loral Federal Systems and Rockwell International, June 1996, **ITS Architecture Implementation Plan**, US Department of Transportation, Washington, DC, pp. 3-27.

Loral Federal Systems and Rockwell International, June 1996, **ITS Architecture, Physical Architecture**, US Department of Transportation, Washington DC, section 5.

Meagher, J, "**Nassau County, NY Surveys Commuters,**" **The Urban Transportation Monitor**, **28** April 1995.

Proper, Allen T., November 1995, **Network Surveillance, Preliminary Report**, Paper No. ITS-L-143, The MITRE Corporation, Washington, DC.

Rakha H., M. Van Aerde, E. R. Case, and A. Ugge, 1989, "Evaluating the Benefits and Interactions of Route Guidance and Traffic Control Strategies Using Simulation," **Vehicle Navigation and Information Systems (VNIS) Conference Proceedings**, pp. 296-303.

Roberts, D.L. and D.E. Shank, August 1995, **Assessment of ITS Benefits, Early Results**, US Department of Transportation, Washington, DC

Salwin, Arthur, December 1995, **ATIS Functionality**, Paper No. ITS-L-158, The MITRE Corporation, Washington, DC.

SEMCGG (Southeastern Michigan Council of Governments), 1990, **Estimated Trip Tables** 198.5, Detroit, MI.

Smith, J.C. and Russam K., 1989, 'Some Possible Effects of Autoguide On Traffic in **Vehicle Navigation and Information Systems (VNIS) Conference Proceedings**, pp. **288-291**.

Smith, Steven and **Cesar** Perez, January 1992, **Evaluation of INFORM-Lessons Learned and Applications to Other Systems**, Paper No. 920748, Transportation Research Board 7 1st Annual Meeting

Transportation Research Board, 1978, **National Cooperative Highway Research Program Report 187**: "Quick-Response Urban Travel Estimation Techniques and Transferable Parameters User's Guide," pp. 63-87.

Transportation Research Board, 1994, **Highway Capacity Manual, Third Edition**, Washington, DC, pp. 2-10, 2-21, 3-8, 1 1-4.

US Department of Transportation, 1994, **US Department of Transportation Statistics, Annual Report**, Washington, DC.

UTMS News, December 1994, **Probe Car Experiment**, Issue #3, pp. 6-7.

Van Aerde, M., et al., January 1996, **INTEGRATION: An Overview of Traffic Simulation Features**, Transportation Research Board Annual Meeting, Washington, DC.

Van Aerde, M., B. Hellenga, M. Baker, and H. Rakha, January 1996, **INTEGRATION; An Overview of Traffic Simulation Features**, Paper presented at 1996 Transportation Research Board Annual Meeting, Washington, DC.

Webster, F. V. and B. M. Cobbe, 1966, **Traffic Signals, Road Research**, Tech. Paper No. 56, Her Majesty's Stationery Office, London, UK, pp. 55-60.

Wunderlich, K., 1994, **Link-Time Prediction for Dynamic Route Guidance in Vehicular Traffic Networks**, Ph.D. dissertation, Department of Industrial and Operations Engineering, The University of Michigan, Ann Arbor, MI.

Wunderlich, K., October 1995, **Congestion and Route Guidance Benefits Assessment, ITS-L-131**, The MITRE Corporation, Washington, DC.

Wunderlich, K., November 1995, **Trip Planning User Service Benefits Assessment, ITS-L-149**, The MITRE Corporation, Washington, DC.

# Glossary

<b>ATIS</b>	Advanced Traveler Information Systems
<b>ATMS</b>	Advanced Traffic Management Systems
<b>CBD</b>	Commercial Business District
<b>C C I</b>	Corridor Congestion Index
<b>CMS</b>	Changeable Message Sign
<b>DCO</b>	Dynamic Corridor Optimization
<b>DOT</b>	Department of Transportation
<b>DR</b>	Delay Reduction
<b>HOV</b>	High Occupancy Vehicle
<b>ISP</b>	Information Service Provider
<b>ITS</b>	Intelligent Transportation Systems
<b>JPO</b>	Joint Program Office
<b>kPh</b>	kilometers per hour
<b>mph</b>	miles per hour
<b>O-D</b>	Origin-Destination
<b>RG</b>	Route Guidance
<b>THOREAU</b>	Traffic and Highway Objects for Research, Analysis & Understanding
<b>TMC</b>	Traffic Management Center
<b>UTPS</b>	Urban Transportation Planning System
<b>V/C</b>	Volume-to-Capacity
<b>vph</b>	Vehicles per Hour
<b>WCI</b>	Webster-Cobbe Isolated (signal control)

# Disbribution List

## INTERNAL

### J090

K. J. Biesecker  
R. Bolczak  
M. L. Brahaney  
J. A. Bunch  
J. R. Cerva  
M. D. Cheslow  
D. L. Dion  
K. P. Dopart  
W. M. Evanco  
R. A. Glassco (2)  
S. G. Hatcher  
W. C. Jeffrey  
C. W. Kain  
K. M. Lamm  
R. K. Lay  
M. F. McGurrin  
A. A. Mertig  
J. L. Milner  
G. G. Nelson  
D. A. Nussman  
R. G. Nystrom  
V. M. Patel  
J. R. Peterson  
A. T. Proper (2)  
D. L. Roberts  
A. E. Salwin (2)  
A. M. Schoka  
D. E. Shank  
K. E. Wunderlich (2)  
ITS File (40)  
J090 File (2)

## Records Resources (3)


## EXTERNAL

Dr. Joseph Peters, HVH-1  
Dr. Christine Johnson, HVH-1  
Mr. William Jones, HVH-1  
Mr. Lee Simmons, HVH-1  
Mr. George Beronio, HVH-1  
Federal Highway Administration  
400 7th Street, S.W.  
Washington, DC 20590

Mr. John Harding, HSR-10  
Mr. Paul Jovanis, HSR-10  
Turner-Fairbank Highway Research Center  
6300 Georgetown Pike  
McLean, VA 22101

Mr. Dan Brand, Charles River Associates  
Dr. Kan Chen, KCI  
Mr. Bob Glass, Jet Propulsion Laboratory  
Dr. Antoine Hobeika, VA Polytechnic Univ.  
Dr. Hong Lo, PATH  
Mr. Ajay Rathi, ORNL  
Mr. Ray Starsman, ITS America  
Dr. Steve Underwood, Univ. of Michigan

Approved for Project Distribution:

  
\_\_\_\_\_  
M. F. McGurrin  
Program Manager, 049618E3-0A